

Project Title	Funding	Strategic Plan Objective	Institution
FUNDAMENTAL VISUAL REPRESENTATIONS AND SOCIAL COGNITION IN ASD	\$0	Q1.L.B	ALBERT EINSTEIN COLLEGE OF MEDICINE
Bridging Basic Research with Clinical Research with the Aim of Discovering Biomarkers for Autism	\$0	Q1.L.A	Autism Consortium
Baby Siblings Research Consortium	\$13,730	Q1.S.B	Autism Speaks (AS)
Evaluating Plasma and Urine Porphyrins as Biomarkers of ASD	\$164,726	Q1.L.A	BATTELLE CENTERS/PUB HLTH RES & EVALUATN
Reducing disparities in Rimely Autism Diagnosis through Family Navigation	\$0	Q1.S.C	Boston Medical Center
Early identification and service linkage for urban children with autism	\$976,670	Q1.S.C	Boston University
Markers of Early Speech Development in Children at Risk for Autism	\$0	Q1.L.B	Boston University
Action Recognition System for Behavioral Assessment Training, Data-sharing, and Early Markers Detection for Autism Spectrum Disorders	\$360,563	Q1.S.B	BSOLUTIONS, INC.
Accelerating the diagnosis of autism spectrum disorder in rural Idaho via evidence-based Smartphone technology	\$200,000	Q1.S.C	CARING TECHNOLOGIES, INC.
Accelerating the diagnosis of autism spectrum disorder in rural Idaho via evidence-based Smartphone technology	\$30,730	Q1.S.C	CARING TECHNOLOGIES, INC.
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	Carnegie Mellon University
Biomarkers in Autism: Bridging Basic Research with Clinical Research	\$13,947	Q1.L.A	Children's Hospital Boston
Quantification of Learning Algorithm Performance to Inputs of Variable Complexity: Implications for Emotional Intelligence in Autism Spectrum Disorder	\$15,791	Q1.L.B	Children's Hospital Boston
Early Biomarkers of Autism Spectrum Disorders in infants with Tuberous Sclerosis	\$1,360,955	Q1.L.A	CHILDREN'S HOSPITAL CORPORATION
2/5-The Autism Biomarkers Consortium for Clinical Trials	\$804,222	Q1.L.B	CHILDREN'S HOSPITAL CORPORATION
Characterizing autism-related intellectual impairment and its genetic mechanisms	\$0	Q1.S.B	Children's Hospital of Philadelphia
MEG/MRS Dose Response Study of STX209 in ASD	\$59,903	Q1.L.A	Children's Hospital of Philadelphia
Development of infant brain MEG responses to social stimuli: comparison to ASD	\$176,278	Q1.L.A	Children's Hospital of Philadelphia
Extracellular signal-related kinase biomarker development in autism	\$0	Q1.L.B	Cincinnati Children's Hospital
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	\$0	Q1.L.A	City of New York, College of Staten Island
Family patterns in diagnosis of children with autism spectrum disorders (ASD)	\$10,000	Q1.S.C	Columbia University

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Developing a Sensitive, Cost Effective Measure of Behavior Change in Children with ASD	\$30,000	Q1.L.C	Columbia University
CAREER: Enabling community-scale modeling of human behavior and its application to healthcare	\$0	Q1.Other	Cornell University
Investigating the auditory attentional networks in Autism Spectrum Disorder	\$0	Q1.L.B	CUNY - Queens College
Early Detection of Autism Spectrum Disorder	\$595,065	Q1.S.B	DREXEL UNIVERSITY
The Autism Spectrum Addendum (ASA) for the Anxiety Disorders Interview Schedule	\$0	Q1.S.B	Drexel University
1/5-The Autism Biomarkers Consortium for Clinical Trials	\$741,668	Q1.L.B	Duke University
CMA Genetic Testing: An Intervention for Parents of Children with Autism	\$60,000	Q1.S.D	East Carolina University
Change in social adaptive action and brain connectivity in infants' first 6 months	\$196,499	Q1.L.A	Emory University
The ontogeny of social vocal engagement and its derailment in autism	\$152,052	Q1.L.A	Emory University
Identifying Biomarkers for Early Detection of Prosody Disorders in ASD using Electroglottography	\$0	Q1.L.A	Emory University
Visual Fixation on the Mouth: A Potential Index of Language Acquisition and Delay	\$29,500	Q1.L.A	Emory University
Toward Outcome Measurement of Anxiety in Youth with Autism Spectrum Disorders	\$605,198	Q1.L.B	Emory University
Smart Early Screening for Autism and Communication Disorders in Primary Care	\$489,303	Q1.S.B	Florida State University
Mobilizing Community Systems to Engage Families in Early ASD Detection & Services	\$2,519,829	Q1.S.C	Florida State University
Consortium on Biomarker and Outcome Measures of Social Impairment for Use in Clinical Trials in Autism Spectrum Disorder	\$0	Q1.L.A	Foundation for the National Institutes of Health
GENE DOSAGE IMBALANCE IN NEURODEVELOPMENTAL DISORDERS	\$689,203	Q1.S.E	GEISINGER CLINIC
Pupillometry: A biomarker of the locus coeruleus and hyperfocused attention	\$60,000	Q1.L.B	Geisinger Clinic
Validation of web-based administration of the M-CHAT-R with Follow-up (M-CHAT-R/F)	\$0	Q1.S.B	Georgia State University
Exploring Social Attribution in Toddlers At Risk for Autism Spectrum Disorder (ASD)	\$0	Q1.L.A	Georgia State University
The Development of Auditory Joint Engagement	\$299,422	Q1.L.C	GEORGIA STATE UNIVERSITY
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$22,000	Q1.L.B	Georgia Tech Research Corporation

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Objective measures of social interactions via wearable cameras	\$125,000	Q1.L.C	Georgia Tech Research Corporation
Hansen Research Services LLC	\$130,916	Q1.S.B	Hansen Research Services LLC
Autism: Social and Communication Predictors in Siblings	\$653,284	Q1.L.A	HUGO W. MOSER RES INST KENNEDY KRIEGER
Early-Stage Visual Processing in ASD: Neurophysiological Biomarkers Using Visual Evoked Potentials	\$0	Q1.L.B	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Developing Scalable Measures of Behavior Change for ASD Treatments- Project 1	\$19,952	Q1.L.C	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Development of accelerated diffusion and functional MRI scans with real-time motion tracking for children with autism	\$96,533	Q1.L.B	Massachusetts General Hospital
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	Massachusetts Institute of Technology
Interacting with dynamic objects in Autism Spectrum Disorders	\$28,346	Q1.L.B	MGH Institute of Health Professions
Developing Scalable Measures of Behavior Change for ASD Treatments- Project 4	\$19,746	Q1.L.C	Montefiore Medical Center
Clinical and Behavioral Phenotyping of Autism and Related Disorders	\$1,939,310	Q1.L.B	National Institutes of Health
Characterizing underserved populations participating in the ATN: evaluating disparity through demographic influences	\$15,400	Q1.S.C	Nationwide Children's Hospital
Divergent biases for conspecifics as early markers for Autism Spectrum Disorders	\$242,662	Q1.L.A	New York University
Reliability of sensory-evoked activity in autism	\$0	Q1.L.B	New York University
Developing Scalable Measures of Behavior Change for ASD Treatments- Project 2	\$18,321	Q1.L.C	New York University
(SDAS) Racial and Ethnic Disparities in Autism Diagnosis and Educational Therapy Utilization: Quantifying the Contribution of Modifiable Mediators	\$99,830	Q1.S.C	Northern Illinois University
Reducing Barriers to Autism Care in Latino Children	\$179,521	Q1.S.C	OREGON HEALTH & SCIENCE UNIVERSITY
Risk Evaluation for Autism in Latinos– Screening tools and Referral Training (REAL-START)	\$34,855	Q1.Other	OREGON HEALTH & SCIENCE UNIVERSITY
INFANT SCREENING OF EARLY COMMUNICATION RISK: THE CISS; PHASE II	\$280,968	Q1.S.B	PAUL H. BROOKES PUBLISHING COMPANY, INC.
A Web-Based Tool to Assess Social Cognition in ASD- Proejct 1	\$27,262	Q1.L.C	Rush University
Eyeblink conditioning in school-aged children with ASD	\$497,699	Q1.L.A	SEATTLE CHILDREN'S HOSPITAL
A functional near-infrared spectroscopy study of first signs of autism	\$61,232	Q1.L.A	Stanford University

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A Metabolism-Based Test to Diagnose Autism Spectrum Disorder and its Subtypes in Early Childhood	\$892,872	Q1.L.B	STEMINA BIOMARKER DISCOVERY, INC.
(SDAS) Family Adversity and Health Disparities for Young Children with Autism	\$100,000	Q1.S.C	Temple University
Brain Imaging and Cell Signaling: Insights into the Biology of Autism	\$124,999	Q1.L.B	The Regents of the University of California, San Francisco (Contracts & Grants)
Expressive Language Sampling as an Outcome Measure in ASD	\$124,985	Q1.L.C	The Regents of the University of California (Davis)
A Web-Based Tool to Assess Social Cognition in ASD-Core	\$32,696	Q1.L.C	The Research Foundation of the State University of New York at Stony Brook
Improving Accuracy and Accessibility of Early Autism Screening	\$796,060	Q1.S.B	TOTAL CHILD HEALTH, INC.
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	Trustees of Boston University
Developing Expressive Language Outcome Measures for ASD Clinical Trials	\$124,199	Q1.L.C	Trustees of Boston University
Comparative Effectiveness of Developmental-Behavioral Screening Instruments	\$627,740	Q1.S.B	Tufts University
Leadership Education in Neurodevelopmental Disabilities	\$2,500	Q1.S.B	University of Alabama at Birmingham
Development of a Prospective Video-Based Measure to Identify ASD Risk in Infancy	\$465,547	Q1.S.B	University of California, Davis
Development of a Prospective Parent Report Measure to Identify ASD Risk in Infancy	\$150,000	Q1.S.B	University of California, Davis
Neurobehavioral Analysis Core	\$126,038	Q1.S.B	University of California, Davis
Epigenetic biomarkers of autism in human placenta	\$0	Q1.L.A	University of California, Davis
Neural assays and longitudinal assessment of infants at very high risk for ASD	\$185,656	Q1.L.A	University of California, Los Angeles
Predicting the Decline of Social Attention in Infants at Risk for Autism	\$176,818	Q1.L.A	University of California, Los Angeles
3/5-The Autism Biomarkers Consortium for Clinical Trials	\$709,293	Q1.L.B	University of California, Los Angeles
Neural Predictors of Language Function After Intervention in Children with Autism	\$181,319	Q1.L.B	University of California, Los Angeles
EEG biomarkers of language and literacy abilities in minimally verbal children with ASD	\$54,400	Q1.L.B	University of California, Los Angeles
Early Identification of ASD: Translating Eye Tracking into Practice	\$373,818	Q1.S.B	University of California, San Diego
DETECTION OF ASD AT THE 1ST BIRTHDAY AS STANDARD OF CARE: THE GET SET EARLY MODEL	\$1,107,043	Q1.S.D	University of California, San Diego

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GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$0	Q1.L.B	University of California, San Diego
Development of a blood-based biomarker for autism	\$124,993	Q1.L.A	University of California, San Francisco
Undergraduate Research Award	\$3,000	Q1.L.B	University of California, Santa Barbara
Computational Measurement of Social Communication Dynamics in Adolescents with Autism Spectrum Disorder	\$35,580	Q1.L.C	UNIVERSITY OF CINCINNATI
An MEG investigation of neural biomarkers and language in nonverbal children with autism spectrum disorders	\$0	Q1.L.A	University of Colorado, Denver
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	University of Illinois
Addressing Health Disparities in ASD Diagnosis, Services, and School Engagement	\$300,000	Q1.S.C	University of Massachusetts
Addressing systemic health disparities in early ASD identification and treatment	\$777,470	Q1.S.C	University of Massachusetts, Boston
The early development of attentional mechanisms in ASD	\$178,903	Q1.L.B	University of Massachusetts, Boston
UNS: Developing Pupillary Light Reflex Technologies for Early Screening of Neurodevelopmental Disorders in Infants	\$300,026	Q1.L.A	University of Missouri
The Autism Impact Measure: A New Tool for Treatment Outcome Measurement	\$1,247,415	Q1.L.B	University of Missouri
Development of postural control variability and preferential looking behavior in	\$194,733	Q1.L.A	University of Nebraska
Using Parent Report to Identify Infants Who Are at Risk for Autism Spectrum Disorder (ASD)	\$0	Q1.S.B	University of North Carolina
Restricted Repetitive Behavior in Autism	\$398,185	Q1.L.B	University of North Carolina
Behavioral Inflexibility in IDD Outcome Measurement	\$651,540	Q1.L.C	University of North Carolina
Integrating New Technologies to Assess Visual and Attentional Influences on Movement and Imitative Behavior in Autism	\$52,020	Q1.Other	University of North Texas
Developing Automated Algorithms to Assess Linguistic Variation in Individuals with Autism	\$0	Q1.L.C	University of Pennsylvania
Early parent-infant coordination and later language in infants at risk for ASD	\$43,120	Q1.L.A	University of Pittsburgh
Change-sensitive Measurement of Emotion Dysregulation in ASD	\$491,098	Q1.Other	University of Pittsburgh
South Carolina Children's Educational Surveillance Study: Comparison of DSM-IV & DSM-5 prevalence	\$0	Q1.Other	UNIVERSITY OF SOUTH CAROLINA

Project Title	Funding	Strategic Plan Objective	Institution
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	University of Southern California
Developing Scalable Measures of Behavior Change for ASD Treatments- Project 3	\$70,914	Q1.L.C	University of Southern California
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$0	Q1.L.B	University of Texas San Antonio
Serum antibody biomarkers for ASD	\$0	Q1.L.A	University of Texas Southwestern Medical Center
Identification of candidate serum antibody biomarkers for ASD	\$0	Q1.L.B	University of Texas Southwestern Medical Center
A Screen-Refer-Treat (SRT) Model to Promote Earlier Access to ASD Intervention	\$846,853	Q1.S.B	University of Washington
Molecular Mechanisms of Atypical Habituation in Autism Spectrum Disorders	\$488,472	Q1.L.A	University of Washington
Evaluating pupil size as a diagnostic tool in autism	\$10,039	Q1.L.A	University of Washington
4/5-The Autism Biomarkers Consortium for Clinical Trials	\$701,337	Q1.L.B	University of Washington
A Sociology of Testing, Diagnosis and Autism Spectrum Disorder	\$0	Q1.S.C	University of Wisconsin
Data Mining for Autism Endophenotypes in a Large Resting-State fMRI Repository	\$76,856	Q1.L.B	VIRGINIA POLYTECHNIC INST AND ST UNIV
fcMRI in Infants at High Risk for Autism	\$439,808	Q1.L.A	Washington University in St. Louis
Early Quantitative Characterization of Reciprocal Social Behavior	\$535,568	Q1.L.C	Washington University in St. Louis
IMPLICIT LEARNING ABILITIES PREDICT TREATMENT RESPONSE IN AUTISM SPECTRUM DISORDERS	\$0	Q1.L.B	Weill Cornell Medical College
Developing Scalable Measures of Behavior Change for ASD Treatments - Core	\$110,037	Q1.L.C	Weill Cornell Medical College
Advancing a Standardized Research Protocol to Study Treatment Effects in Individuals with Autism Spectrum Disorder	\$151,092	Q1.L.C	Weill Cornell Medical College
Test of integrated language and literacy skills validation research	\$0	Q1.Other	Western Michigan University
Biomarkers of Emotion Regulation, Social Response & Social Attention in ASD	\$124,827	Q1.L.C	Women & Infants Hospital
A Multimedia Screening System for Early ASD Identification in Diverse Populations	\$249,750	Q1.S.B	Yale University
Biomarkers for autism and for gastrointestinal and sleep problems in autism	\$0	Q1.L.A	Yale University
Infant Social Development: From Brain to Behavior	\$58,694	Q1.L.A	Yale University
Undergraduate Research Award	\$3,000	Q1.L.A	Yale University

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COMPONENTS OF EMOTIONAL PROCESSING IN TODDLERS WITH ASD	\$674,796	Q1.L.A	Yale University
Extraction of Functional Subnetworks in Autism Using Multimodal MRI	\$359,174	Q1.L.B	Yale University
5/5-The Autism Biomarkers Consortium for Clinical Trials	\$757,490	Q1.L.B	Yale University
Novel Methods to Understand Brain Connectivity in Autism	\$0	Q1.L.B	Yale University
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$0	Q1.L.B	Yale University
Subtyping of toddlers with ASD based on patterns of social attention deficits	\$0	Q1.L.B	Yale University
Tracking Intervention Effects with Eye Tracking	\$124,982	Q1.L.C	Yale University
Undergraduate Research Award	\$0	Q1.L.C	Yale University

